

FIREPROOFING MATERIAL

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Abstract

PURPOSE: To obtain a fireproofing material applicable to electric wire cable through part, fireproofing coating of iron steel and fireproofing wall for buildings, having more excellent heat dissipation and endothermic properties in fire than existing rock wool, by blending inorganic powder consisting essentially of borax with a specific organic material liquid at normal temperature.

CONSTITUTION: (A) Preferably 60-98wt.% inorganic powder consisting essentially of borax (example except borax; alumina hydrate, magnesium hydroxide, natural sand, quartz powder, fluorite or perlite) is blended with (B) preferably 40-2wt.% organic material (e.g. vegetable oil, plasticizer for PVC, process oil for rubber blending or silicone oil) having ≥ 200 deg.C boiling point and liquid at normal temperature to give the aimed fireproofing material.

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